

Bell Atlantic - Maryland, Inc.
Constellation Place
1 East Pratt Street, Eighth Floor, East Wing
Baltimore, Maryland 21202
410 393-3650
FAX 410 393-7915

Mary R. Vaden
Director - Regulatory Affairs

September 11, 1996

Mr. Geoffrey Waldau
Chairman-Maryland Local Number Portability Consortium
Public Service Commission of Maryland
6 St. Paul Centre
Baltimore, Maryland 21202-6806

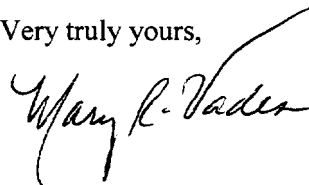
Re: Maryland Local Number Portability Consortium: Third Quarterly Report

Dear Geoff,

Attached is a copy of the marked up pages of Draft 2 of the Third Quarterly Report of the Maryland Local Number Portability Consortium. In addition to these changes, BA-MD would also like to include a section in the report containing the following documents:

- Attachment 1 Bell Atlantic Request for Clarification and Partial Reconsideration filed 8/26/96 with the FCC. *removed by staff*
- Attachment 2 An 8/6/96 letter from Bob Lynd to Carville Collins stating BA-MD's issues concerning LLC membership
- Attachment 3 A proposed high level schedule of LNP implementation dates for the offices in Maryland.

Very truly yours,



Attachments



Bell Atlantic - Maryland, Inc.
Constellation Place
1 East Pratt Street, 8E
Baltimore, Maryland 21202-1038
410 393-7477
FAX 410 393-7547

Robert D. Lynd
Assistant General Counsel

August 6, 1996

Carville Collins, Esquire
Piper & Marbury
36 South Charles Street
Baltimore, Maryland 21201-3018

Re: MCAC

Dear Carville:

We would like to ask for your assistance as counsel to the Maryland Carrier Acquisition Company, L.L.C. ("MCAC") in investigating whether it is possible to remove obstacles to Bell Atlantic-Maryland's ("BA-MD") membership in the company.

As you know, BA-MD has not become a member of MCAC. BA-MD has two fundamental concerns about the MCAC Agreement:

1. The Agreement provides that virtually all decision-making will be done by majority vote; and
2. The Agreement can be amended at any time and in any manner by a two-thirds majority vote of the Managers.

Under this structure, BA-MD believes that it is likely to be outvoted on many critical issues, even on matters where BA-MD has the largest financial and operational commitments at stake. In addition, the Agreement could be amended in unknown and unpredictable aspects.

BA-MD's concerns about being placed in a minority voting position have been discussed in various meetings of the Steering Committee and the Legal Committee. Although some limited consideration was given to alternatives such as super-majority and weighted voting, BA-MD's concerns have still not been fully addressed.

Accordingly, we would like to request your assistance in considering whether it is possible to address these matters through further review and discussion. To assist in your analysis, the following will illustrate how the two fundamental concerns described above spill over and affect various other provisions of the Agreement:

Article 4.1--Each Member is entitled to one vote on most issues, regardless of size or the level of financial commitment to which the Member may become subject.

Article 6.3 and 6.4--Each Member is entitled to select one Manager; the Managers are delegated the power, by majority vote, to authorize a wide variety of activities on behalf of the MCAC, including unlimited property acquisitions and entry into a broad range of financial commitments.

Article 6.5 and 6.6--Article 6.5 lists a limited number of transactions that require unanimous approval by the Managers. Even these limitations, however, are rendered almost meaningless by virtue of Article 6.6 and Article 14.5, which provide that the MCAC agreement may be amended by a two-thirds vote of the Managers.

Article 7.1 through 7.5--Broad and unspecified power is delegated to a Steering Committee, which is authorized to bind the company by majority vote. The Chair of the Steering Committee is a PSC Representative and is not a representative of any MCAC member. In addition, award of the "Master Contract to the Prime Vendor", a major commitment, can be made by a simple majority, even if less than a quorum, and the award is not subject to the dispute resolution procedure of Article 4.7.

Article 7.8 through 7.10--Various Advisory Committees are established, whose members may be removed "without cause" and replaced at any time by action of the Managers, apparently by majority vote. "Reasonable sanctions" for non-attendance may be imposed by the Managers, apparently by majority vote. Most Advisory Committee actions may be taken by simple majority vote of all Committee members. Managers may authorize (apparently by majority vote) that an Advisory Committee be given authority to bind the company.

Article 9.1--A specific initial capital contribution is stated. The Agreement, however, could be amended by a two-thirds

vote as provided in Article 6.6 and Article 14.5, and additional capital contributions could be imposed accordingly.

Article 9.2--"Assessments for Administrative Expenses" may be made without limitation as to amount by majority vote of the Managers.

Article 14.11--Disputes not subject to the dispute resolution procedure are to be decided by simple majority vote of the managers.

In short, the voting structure and amendment procedures described raise significant problems for BA-MD. The MCAC agreement and laws governing limited liability companies appear to provide the flexibility to address these concerns through revision of the Agreement. We would be interested in your views as to the feasibility of such consideration, and any suggestions you may have for approaches that might allow an accommodation to be reached.

Please feel free to call me to discuss this matter further.

Very truly yours,



Robert D. Lynd

RDL/ead/np-crvll.

Bell Atlantic - MD's Preliminary LNP Roll-Out Schedule

LOCAL NUMBER PORTABILITY Roll-Out Schedule	Start Date	Completion Date
FOA - Gaithersburg, Maryland	July 15, 1997	Aug 30, 1997
Baltimore LATA Anne Arundel County Baltimore County Carroll County Harford County Howard County Baltimore City	Sept 1, 1997	Dec 31, 1997
MD Suburban Central Offices Calvert County Charles County Frederick County Montgomery Conty Prince Geo's County	Sept 1, 1997	Dec 31, 1997
BALTIMORE, MD MSA	Jan 1, 1998	Mar 31, 1998
Queen Anne's County		
Remaining State of Maryland	April 1, 1998	Jun 30, 1998

**Staff's Third Quarterly Report on the
Maryland Local Number Portability Consortium**

Appendix 4

PIPER & MARBURY

L.L.P.

CARVILLE B. COLLINS
(410) 576-1899
FAX: (410) 576-2276
CCOLLINS@PIPERMAR.COM

CHARLES CENTER SOUTH
36 SOUTH CHARLES STREET
BALTIMORE, MARYLAND 21201-3018
410-539-2530
FAX: 410-539-0489

WASHINGTON
NEW YORK
PHILADELPHIA
EASTON
LONDON

August 20, 1996

VIA TELECOPY AND FIRST CLASS MAIL

Robert D. Lynd, Esquire
Assistant General Counsel
Bell Atlantic-Maryland
8th Floor - East Wing
1 East Pratt Street
Baltimore, Maryland 21202

Re: Maryland Carrier Acquisition Company, L.L.C. ("MCAC")

Dear Bob:

Thank you for your correspondence of August 6. I have shared your letter with the members of MCAC, who have authorized me, on their behalf, to issue this reply.

MCAC is indeed willing to consider and address Bell Atlantic's concerns fully, and every effort will be made to accommodate Bell Atlantic. In order to begin this process, MCAC requests that you offer specific, suggested solutions to the problems and concerns you have identified. This will provide a starting point for what I hope will be constructive and productive discussions.

To ensure that your specific solutions can be considered by MCAC, I suggest that you keep in mind the federal and state regulatory framework within which MCAC is compelled to act. Specifically, please note the FCC's deployment completion schedule requiring implementation to be completed for the Baltimore MSA by 1st quarter of 1998 (FCC Order) and for the two largest LATAs in Maryland by 3rd quarter of 1997 (Maryland PSC Order). Please also note the FCC's regional solution directive, requiring LECs to implement permanent LNP by a system of regional databases pursuant to specified terms and conditions. Additional relevant constraints are the competitive neutrality and nondiscrimination considerations advocated by the FCC, the Maryland Commission, and in

Robert D. Lynd, Esquire
August 20, 1996
Page 2

response to the regulatory guidance from the two commissions, the MCAC. These considerations advocated by MCAC are contained in the MCAC operating agreement (see, for example, sections 3.1(i) and 6.4(a)).

We are encouraged by your letter and hopeful that we can reach a mutually agreeable solution. MCAC's next monthly meeting will be August 29, so any response by then will enable MCAC to consider your suggestions immediately.

We look forward to your response.

Sincerely,

Carville B. Collins

CBC/sms

cc: MCAC Managers
Karlyn Stanley
Prince Jenkins

**Staff's Third Quarterly Report on the
Maryland Local Number Portability Consortium**

Appendix 5

**MCAC'S
1ST REVISED RFP DELIVERY SCHEDULE
AS OF SEPTEMBER 17, 1996**

SECTION 19

<u>DATE</u>	<u>DESCRIPTION OF ACTIVITY</u>
6/28/96	INITIAL MCAC MANAGER'S MEETING - ORGANIZATION AND FORMATION MEETING
7/08/96	RELEASE RFP TO VENDOR'S LIST
7/26/96 NOON	CUT-OFF FOR RECEIPT OF PRIMARY VENDOR'S PRE-QUALIFICATION SUBMISSION'S
7/29/96 3:00 PM	RFP COMMITTEE - CONFERENCE CALL RE: PREQUALIFICATIONS RECEIVED & EVALUATION PROCESS
7/31/96	MCAC MANAGER'S MEETING - REVIEW STATUS OF PRE-QUALIFICATION SUBMISSIONS (ACCEPT/REJECT)
8/05/96 2:00 PM	RFP COMMITTEE - CONFERENCE CALL TO FINALIZE STATUS OF PRE-QUALIFICATION APPLICATIONS
8/06/96 9:30 AM	STEERING COMMITTEE MEETING - BALTIMORE, MD
8/06/96 12 NOON	MCAC MANAGER'S MEETING - FINALIZE PRE-QUALIFICATION APPLICATIONS
8/07/96	MAIL OUT PRE-QUALIFICATION ACCEPTANCE/ REJECTION NOTICES TO PRIMARY VENDORS
8/15/96	CLOSING DATE FOR RFP QUESTIONS/CLARIFICATION REQUESTS FROM PRIMARY VENDORS
8/23/96	RFP COMMITTEE MEETING TO DRAFT RESPONSES TO PRIMARY VENDOR'S QUESTIONS
8/29/96 9:00 AM	STEERING COMMITTEE MEETING - BALTIMORE, MD

**MCAC'S
1ST REVISED RFP DELIVERY SCHEDULE
AS OF SEPTEMBER 17, 1996**

SECTION 19

<u>DATE</u>	<u>DESCRIPTION OF ACTIVITY</u>
8/29/96 12 NOON	MCAC MANAGER'S MEETING - BALTIMORE, MD PLAN BIDDER'S CONFERENCE
8/30/96	NOTICE TO PRE-QUALIFIED PRIMARY VENDORS WITH 1ST REVISED MCAC RFP SCHEDULE
9/05/96	AMENDED "DRAFT" MCAC RFP TO REFLECT SMS REGIONALIZATION PROVIDED TO LEGAL AND STEERING COMMITTEES FOR REVIEW
9/10/96	CLOSING DATE FOR COMMENTS DUE BACK FROM LEGAL AND STEERING COMMITTEES ON AMENDED "DRAFT" MCAC RFP
9/17/96 10AM BALT., MD	MANDATORY BIDDERS CONFERENCE TO PROVIDE MCAC'S Q & A RESPONSES TO VENDOR QUESTIONS AND TO PROVIDE MCAC'S REGIONALIZED NPAC/SMS RFP
9/17/96 9:00 AM	STEERING COMMITTEE MEETING - BALTIMORE, MD
9/17/96 TBD	MCAC MANAGER'S MEETING - BALTIMORE, MD
10/08/96 12 NOON	PRIMARY VENDOR'S RFP RESPONSES DUE - SECOND ROUND
11/4, 11/5, & 11/6/96	RFP TEAM EVALUATION/SCORING MEETING FOR RFP'S SECOND ROUND

**MCAC'S
1ST REVISED RFP DELIVERY SCHEDULE
AS OF SEPTEMBER 17, 1996**

SECTION 19

<u>DATE</u>	<u>DESCRIPTION OF ACTIVITY</u>
11/08/96	NOTICES TO PRIMARY VENDOR'S CONCERNING RESULTS OF ROUND TWO SCORING (I.E., SHORT LIST VENDORS DETERMINED FOR ROUND 3 PARTICIPATION)
11/14 & 11/15/96 BALT., MD	SHORT LIST PRIMARY VENDOR PRESENTATIONS (10AM AND 2PM TO BE SCHEDULED)
11/18/96 12 NOON	BEST AND FINAL PRICE QUOTATIONS - ROUND THREE SUBMISSIONS ARE DUE
11/20/96 10AM	RFP TEAM CONFERENCE CALL - ROUND THREE EVALUATION DISCUSSIONS BEGIN
11/22/96 BALT., MD	RFP TEAM PRESENTS TOP TWO PRIMARY VENDOR SELECTIONS TO MCAC AT MCAC MANAGER'S MEETING
11/25/96	NOTICES SENT IDENTIFYING TOP TWO PRIMARY VENDORS
11/26 - 4/97	ULTIMATE PRIMARY VENDOR'S NPAC/SMS "BUILD OUT" PERIOD
1/31/97	TARGET DATE FOR CONTRACT EXECUTION WITH ULTIMATE PRIMARY VENDOR
4/08/97	ABSOLUTE END DATE FOR EXECUTION OF MASTER AGREEMENT WITH ULTIMATE PRIMARY VENDOR
5/01/97- 6/30/97	NPAC/SMS TESTING SCHEDULED TO BEGIN AND END INCLUDING SYSTEM TO SYSTEM TESTING
7/01/97	DETERMINATION OF PRIMARY VENDOR'S COMPLIANCE WITH MCAC'S ACCEPTANCE TESTING PLAN

MCAC'S
1ST REVISED RFP DELIVERY SCHEDULE
AS OF SEPTEMBER 17, 1996

SECTION 19

<u>DATE</u>	<u>DESCRIPTION OF ACTIVITY</u>
8/01/97	MCAC'S NPAC/SMS WILL BE AVAILABLE FOR LIVE TESTING OF PORTED NUMBERS IN SELECTED PORTIONS OF MD'S BALTIMORE AND WASHINGTON LATAS, INCLUDING GAITHERSBURG, MD.
9/97	FULL SCALE NPAC/SMS DEPLOYMENT (I.E., LIVE PORTING OF NUMBERS TO BEGIN) IN SELECTED PORTIONS OF MD'S BALTIMORE AND WASHINGTON LATAS, INCLUDING GAITHERSBURG, MD.
10/97 - 6/98	REMAINING END OFFICES IN MARYLAND - LNP DEPLOYMENT.
10/97 - 12/97	PHILADELPHIA, PA MSA - LNP DEPLOYMENT ¹
1/98 - 3/98	WASHINGTON, DC MSA - LNP DEPLOYMENT ² BALTIMORE, MD MSA - LNP DEPLOYMENT
4/98 - 6/98	PITTSBURGH, PA MSA - LNP DEPLOYMENT NEWARK, NJ MSA - LNP DEPLOYMENT NORFOLK, VA MSA - LNP DEPLOYMENT
7/98 - 9/98	BERGEN, NJ MSA - LNP DEPLOYMENT MIDDLESEX, NJ - LNP DEPLOYMENT MONMOUTH, NJ - LNP DEPLOYMENT RICHMOND, VA MSA - LNP DEPLOYMENT

¹THE ANTICIPATED EXPANSION OF THE MD NPAC/SMS TO ENCOMPASS THE ENTIRE MID-ATLANTIC REGION STATES (I.E., MD, PA, DC, WVA, NJ, VA, AND DE) IS CONTINGENT UPON STATE PSC CONCURRENCE/AUTHORIZATION.

² REMAINING PORTIONS NOT CONVERTED IN 4TH QTR/3RD QTR 97.

**MCAC'S
1ST REVISED RFP DELIVERY SCHEDULE
AS OF SEPTEMBER 17, 1996**

SECTION 19

<u>DATE</u>	<u>DESCRIPTION OF ACTIVITY</u>
10/98 - 12/98	SCRANTON, PA MSA - LNP DEPLOYMENT ALLENTOWN, PA MSA - LNP DEPLOYMENT HARRISBURG, PA MSA - LNP DEPLOYMENT JERSEY CITY, NJ MSA - LNP DEPLOYMENT
10/98 - 12/98	WILMINGTON, DE MSA - LNP DEPLOYMENT

**Generic Requirements
Issue 1.00
July 31, 1996**

**Generic Switching and Signaling
Requirements for Number Portability
*** DRAFT *****

1. Guide to Document

1.1 Overview

This document specifies supplements to the requirements specified in the *Illinois Number Portability Workshop - Generic Switching and Signaling Requirements for Number Portability, Issue 1.00, February 12, 1996*. ***Need to change this date*** The requirements in the *Illinois Number Portability Workshop - Generic Switching and Signaling Requirements for Number Portability* (referred to as the IL Switching GR) apply as the requirements for switching and signaling in Maryland unless new requirements are specifically defined in this document (*refer to major exceptions listed under Open Issues—Bell Atlantic is working other issues with Bellcore that may not be listed in Open Issues*). **CHANGE**.

1.2 Assumptions

- 1) The requirements in the *Illinois Number Portability Workshop - Generic Switching and Signaling Requirements for Number Portability* (referred to as the IL Switching GR) apply as the requirements for switching and signaling in Maryland unless new requirements are specifically defined in this document (*refer to major exceptions listed under Open Issues—Bell Atlantic is working other issues with Bellcore that may not be listed in Open Issues*). **CHANGE**

1.3 Definitions and Acronyms

No new requirements.

1.4 References

No new requirements.

2. Customer Perspective

No new requirements.

3. Network Impacts

No new requirements.

4. Feature Requirements

4.1 Call Processing Requirements

No new requirements.

4.2 Signaling and Protocol Requirements

No new requirements.

4.3 Hardware Interfaces Requirements

No new requirements.

4.4 Interactions and Transparencies with Other Features

No new requirements. **CHANGE**—Removed following wording:

<REQ-MD-GR-0100V1>

For calls to non-ported subscribers, the services and features shall continue to function as though the LNP trigger does not exist.
<End of REQ-0100>

4.5 Operations, Administration and Provisioning Requirements

No new requirements.

4.6 Maintenance Requirements

No new requirements.

4.7 Initialization and Recovery Requirements

No new requirements.

4.8 Capacity, Performance, and Reliability Requirements

No new requirements.

4.9 Subscriber Limitations and Restrictions

No new requirements.

5. Open Issues

The Maryland Team has prepared this set of requirements under the assumption that any minor changes that could be accommodated for a 2nd Quarter vendor release of LNP would be reflected in the original document or in the requirements section above. Those needs that could not be accommodated for a 2nd Quarter vendor release are shown under the Open Issues section.

*The MD Commision has ordered LRN implementation in the 3rd Quarter of 1997 for Maryland. This has also been supported by the FCC Order on LNP. Bell Atlantic is working to resolve the issues listed in this section, as well as others not reflected here, to their satisfaction prior to implementation of LNP within the Bell Atlantic territory. Bell Atlantic is currently working with Bellcore and several other companies to address/resolve these and other issues via the Bellcore Generic Requirements process. The major issues are noted here for completeness in the MD Requirements document. Detailed requirements addressing these and any other issues will be documented in Bellcore requirements. **CHANGE***

- 1) A mechanism is needed to limit the number of queries for calls to non-ported telephone numbers.
- 2) *BA would like to see a standard platform/trigger/service logic for LNP implementation. This is no longer an implementation issue for Maryland but remains an issue for the Bell Atlantic territory **CHANGE***

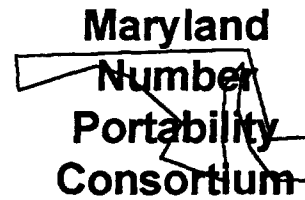
6. Closed Issues **CHANGE**

The following items have been closed from the Open Issues section and have been included here to maintain a history of the resolved issues.

- 1) Additional features or services that currently follow existing industry standards but will not function in an LNP environment must be identified--*CLOSED 7/30/96*. This issue has been resolved and documented in the Illinois Requirements document.
- 2) BA would like to limit AMA recording associated with LNP queries, so that "flat rate calls" only result in switch AMA record(s) when an LNP query is performed. BA views the need to activate AMA recording on all "flat rate calls" to insure the recording of LNP queries as excessive. The existing Illinois Switching GR requirement for a switch to generate a AIN AMA record (Structure Code 220 or 221) for an LNP query when the LNP SCP database

returns an AMA recording indication (i.e. the AMASlpID parameter) may be sufficient to meet this need in a Service Provider portability environment. The Maryland NP Consortium Billing & Rating sub-team is awaiting a Bell Atlantic decision on the acceptability of this alternative--*CLOSED 7/30/96*. This issue has been resolved for Maryland, but needs further investigation for the Bell Atlantic Region.

- 3) The Maryland Number Portability Consortium Billing & Rating Requirements Team reviewed the proposed additional AMA requirements to the IL Switching GR for "IXC Access Billing" dated 2/16/96. Recommendations were made from the Maryland sub-team to expand the AMA access record types to which the additional requirements apply to include NS800 records and non-FGD IXC access records. These changes were subsequently incorporated in the 2/28/96 version of the proposed additional AMA requirements by the Illinois Number Portability Workshop Billing & Rating sub-team. The Maryland Number Portability Consortium Billing & Rating Requirements Team believes that these additional AMA requirements for "IXC Access Billing" are necessary for the initial deployment of LNP in Maryland (see attachment A)--*CLOSED 7/30/96*. This issue has been resolved in the Illinois Requirements document.
- 4) Bell Atlantic would like an additional switch requirement to facilitate IC/INC Access AMA recording. In order to insure that IC/INC Access AMA records generated at a terminating LATA Access Tandem exchange are complete, Bell Atlantic feels it is necessary to require any Access Tandem receiving a call to a portable number from an IC/INC for which the LNP query has not been performed, to perform the LNP query. If the AT does not perform an LNP query for such an IC/INC call, the Terminating Access AMA record produced by the AT will not correctly identify the actual terminating wire-center (e.g. exchange) on which to compute the "airline mileage" component of the IC/INC access charge (see the note for proposed additional requirement REQ-1195 in Attachment A). Since the existing IL GR switch requirements support the provisioning of LNP triggers, used to launch an LNP query based on detection of a called portable NPA-NXX, on intermediate exchanges such as an AT, this would appear to be an issue with individual service provider implementation and not an issue for additional switch requirements--*CLOSED 7/30/96*. BA-MD agrees that this is really a service provider implementation issue and can be closed for the MD requirements.



**Generic Requirements
Issue 1.00, Third Draft
August 26, 1996**

Generic Requirements for SCP Application and GTT Function for Number Portability

***** DRAFT *****

1. GUIDE TO DOCUMENT

1.1 Scope

This document addresses Local Number Portability (LNP) for the State of Maryland.

1.2 Overview

This document specifies supplements to the requirements specified in the *Illinois Number Portability Workshop - Generic Requirements for SCP Application and GTT Function for Number Portability, Issue 0.31, March 24, 1996*. ***Need to change this date*** The requirements in the *Illinois Number Portability Workshop - Generic Requirements for SCP Application and GTT Function for Number Portability* (referred to as the IL SCP GR) apply as the requirements for SCP Application and GTT Function in Maryland unless new requirements are specifically defined in this document (*refer to major exceptions listed under Open Issues—Bell Atlantic is working other issues with Bellcore that may not be listed in Open Issues*). **CHANGE**

1.3 Assumptions

- 1) The requirements in the *Illinois Number Portability Workshop - Generic Requirements for SCP Application and GTT Function for Number Portability* (referred to as the IL SCP GR) apply as the requirements for SCP Application and GTT Function in Maryland unless new requirements are specifically defined in this document (*refer to major exceptions listed under Open Issues—Bell Atlantic is working other issues with Bellcore that may not be listed in Open Issues*). **CHANGE**

1.4 Definitions and Acronyms

No new requirements.

1.5 References

No new requirements.

2. CUSTOMER PERSPECTIVE

2.1 End User Perspective (Human Interface)

No new requirements.

2.2 Service Provider Perspective

No new requirements.

2.3 Call Flows

No new requirements.

3. NETWORK IMPACTS

3.1 Switching Systems

No new requirements.

3.2 Signal Transfer Point (STP)

No new requirements.

3.3 Local Service Management System (SMS)

No new requirements.

3.4 Number Portability Administration Center (NPAC)

No new requirements.

3.5 Operations Systems Impacts

No new requirements.

3.6 Operator Service Systems

No new requirements.

3.7 Customer Premises Equipment (CPE) and User Equipment Needs and Impacts

No new requirements.

3.8 Wireless Service Providers

No new requirements.

3.9 Security Issues

No new requirements.

3.10 General Network Capacity Impacts

No new requirements.

4. FEATURE REQUIREMENTS

4.1 Data Structures

No new requirements.

4.2 SCP LNP Application Processing Requirements

No new requirements.

Note that Bell Atlantic has specifically gone on record requiring the SCP to trigger billing through inclusion of an AMASlpID parameter in order to limit AMA recording associated with LNP queries for flat rate calling. This is an optional requirement in the Requirements Documents that service providers may request from their vendors. Bell Atlantic asked that this be highlighted in this document. See Section 6 Closed Issues number one for further details.

4.3 LNP Global Title Translation Function

No new requirements.

4.4 Operator Services Support Functions

No new requirements.

4.5 Errors and Exceptions

No new requirements.

4.6 Signaling and Protocol Requirements for Interfaces

No new requirements.

Note that Bell Atlantic has specifically gone on record requiring the SCP to trigger billing through inclusion of an AMASlpID parameter in order to limit AMA recording associated with LNP queries for flat rate calling. This is an optional requirement in the Requirements Documents that service providers may request from their vendors. Bell Atlantic asked that this be highlighted in this document. See Section 6 Closed Issues number one for further details.

4.7 Hardware Interface Requirements

No new requirements.

4.8 Operations, Administration, Maintenance and Provisioning Requirements

No new requirements.

4.9 Initialization and Recovery Requirements

No new requirements.

4.10 Capacity, Performance and Reliability Requirements

No new requirements.

5. OPEN ISSUES

The Maryland Team has prepared this set of requirements under the assumption that any minor changes that could be accommodated for a 2nd Quarter vendor release of LNP would be reflected in the original document or in the requirements section above. Those needs that could not be accommodated for a 2nd Quarter vendor release are shown under the Open Issues section.

*The MD Commision has ordered LRN implementation in the 3rd Quarter of 1997 for Maryland. This has also been supported by the FCC Order on LNP. Bell Atlantic is working to resolve the issues listed in this section, as well as others not reflected here, to their satisfaction prior to implementation of LNP within the Bell Atlantic territory. Bell Atlantic is currently working with Bellcore and several other companies to address/resolve these and other issues via the Bellcore Generic Requirements process. The major issues are noted here for completeness in the MD Requirements document. Detailed requirements addressing these and any other issues will be documented in Bellcore requirements. **CHANGE***

- 1) A mechanism is needed to limit the number of queries for calls to non-ported telephone numbers (This was noted in the MD Switch Requirements).
- 2) *BA would like to see a standard platform/trigger/service logic for LNP implementation. This is no longer an implementation issue for Maryland but remains an issue for the Bell Atlantic territory **CHANGE***

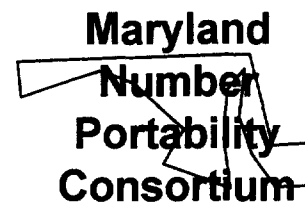
6. Closed Issues **CHANGE**

The following items have been closed from the Open Issues section and have been included here to maintain a history of the resolved issues.

- 1) BA would like to limit AMA recording associated with LNP queries, so that "flat rate calls" only result in switch AMA record(s) when an LNP query is performed. BA views the need to activate AMA recording on all "flat rate calls" to insure the recording of LNP queries as excessive. The

existing Illinois Switching GR requirement for a switch to generate a AIN AMA record (Structure Code 220 or 221) for an LNP query when the LNP SCP database returns an AMA recording indication (i.e. the AMASlpID parameter) may be sufficient to meet this need in a Service Provider portability environment. The SCP may need to trigger billing through inclusion of an AMASlpID parameter (This was noted in the MD Switch Requirements and raised by the MD Team for inclusion as #5 in the Open Issues list for the IL SCP GR)—CLOSED 8/8/96. Due to differences in billing & rating between Illinois and Maryland, some service providers may indicate that this optional capability in the requirements may be required by their vendors. See Sections 4.2 & 4.6 of this document. Bell Atlantic has specifically gone on record requiring this optional capability and has asked that it be noted in this document.

- 2) Should LNP triggers have new trigger criteria type values? If the same SCP supports services for identical 6 digit PODP trigger and LNP PODP based trigger, how can messages be distinguished? Is it a requirement that SCP LNP application must have unique SSN to differentiate from other AIN applications that may share the same SCP? (Noted by the MD Team and included as #9 in the Open Issues list of the IL SCP GR)—CLOSED 8/8/96. Per Wayne Heinmiller, no vendor has indicated that this would be a problem. Service providers need to talk with individual vendors to confirm availability and capability.



**Generic Requirements
Issue 1.00, Second Draft
April 22, 1996**

Generic Requirements for SCP Application and GTT Function for Number Portability

***** DRAFT *****

1. GUIDE TO DOCUMENT

1.1 Scope

This document addresses Local Number Portability (LNP) for the State of Maryland.

1.2 Overview

This document specifies supplements to the requirements specified in the *Illinois Number Portability Workshop - Generic Requirements for SCP Application and GTT Function for Number Portability, Issue 0.31, March 24, 1996*. The requirements in the *Illinois Number Portability Workshop - Generic Requirements for SCP Application and GTT Function for Number Portability* (referred to as the IL SCP GR) apply as the requirements for SCP Application and GTT Function in Maryland unless new requirements are specifically defined in this document (refer to exceptions listed under Open Issues).

1.3 Assumptions

- 1) The requirements in the *Illinois Number Portability Workshop - Generic Requirements for SCP Application and GTT Function for Number Portability* (referred to as the IL SCP GR) apply as the requirements for SCP Application and GTT Function in Maryland unless new requirements are specifically defined in this document (refer to exceptions listed under Open Issues).

1.4 Definitions and Acronyms

No new requirements.

1.5 References

No new requirements.

2. CUSTOMER PERSPECTIVE

2.1 End User Perspective (Human Interface)

No new requirements.

2.2 Service Provider Perspective

No new requirements.

2.3 Call Flows

No new requirements.

3. NETWORK IMPACTS

3.1 Switching Systems

No new requirements.

3.2 Signal Transfer Point (STP)

No new requirements.

3.3 Local Service Management System (SMS)

No new requirements.